

ANATOMISCHER ANZEIGER. Jena, Aug. 5, 1893.—On the remarks of Dr. Ballowitz concerning the sperm of *Dytiscus marginalis*, L. Auerbach.

JOURNAL OF THE ROYAL MICROSCOPICAL SOCIETY. London, 1893, 1 pt. 4.—Notes on some of the digestive processes in Arachnids, H. M. Bernard, 1 pl.

INSECT LIFE, v, 5. Washington, July, 1893.—The present year's appearances of the periodical cicada, Eds. Further notes on Yucca insects and Yucca pollination, C. V. Riley, figs. On the pollination of *Yucca whipplei* in California, D. W. Coquillett. The cocoanut and guava mealy-wing (*Aleurodicus cocois* Curtis) Eds., figs. Further notes on the cotton-tail-bot with the breeding and identification of the fly, C. H. T. Townsend. The sugar-beet web-worm (*Loxostege sticticalis* L.), Eds., figs. Report on a trip to northwest Missouri to investigate locust injuries, H. Osborn. The angoumis grain moth or "fly weevil" (*Gelechia cerealella*), L. O. Howard. Descriptions of Noctuidæ from the Death Valley, J. B. Smith, figs. The red-legged flea beetle (*Crepidodera rufipes* L.), Eds. figs.

VERHANDLUNGEN DER K. K. ZOOLOGISCH-BOTANISCHEN GESELLSCHAFT IN WIEN, xliii, 1, March 1893.—On the eye of *Scutigera coleoptrata*, Dr. T. Adensamer.—2. July, 1893. On parthenogenesis among spiders, N. Damin. To the knowledge of the Coleopterous genus *Trichodes* Herst., a monographic study, K. Escherich, 2 pls.

NATURE. London, Aug. 24, 1893.—The fungus-gardens of certain South American ants, J. C. Willis [Abstract of Möller's paper, see ENT. NEWS, September, p. 239]. A few remarks on insect prevalence during the Summer of 1893, Miss E. A. Ormerod.

DENKSCHRIFTEN DER KAISERLICHEN AKADEMIE DER WISSENSCHAFTEN, lix, Vienna, 1892.—New species of the genera *Phytopsis* Duj. and *Cecidophyes* Nal., A. Nalepa, 4 pls.

Reports of the United States Commissioners, Universal Exposition. Paris, 1889; vol. v.—On the useful and injurious insects, C. L. Marlatt.

REVIEW.—PART III OF BRAUER AND BERGENSTAMM'S MONOGRAPH OF THE MUSCARIA SCHIZOMETOPA.—The third part of this work has recently appeared (Denkschr. d. Math.-Naturwiss. Cl. d. Kais. Akad. d. Wissenschaft., bd. lx, Wien, 1893). It contains 152 pages quarto, no plates, and comprises in the main an analytic table of sections, and another of genera. These tables cover 91 pages, and will be of great use in the determination of the genera erected by the authors. The value of the work is enhanced to American students by the fact that the authors have examined the large collection of Tachinidæ, etc., of the U. S. National Museum, sent them by Dr. Riley, the results being considered in this part. Following the tables there are 30 pages of notes and descriptions, which number 115 in all, of much use in defining the position of recently described and other genera in the Brauerian system. The numerous genera erected by the

writer are carefully considered, and their affinities pointed out so far as practicable from the descriptions. In these notes the authors describe and name a new genus *Rileya* (type *R. americana*), in honor of Dr. Riley. It is unfortunate that two Hymenopterous genera have already been named *Rileya*, one by Mr. Howard and one by Mr. Ashmead. The tachinid genus might, however, be known as *Rileymyia*. Further notes on the sections and the genera they embrace follow, together with a summary of the writer's groups and genera of North American Tachinidæ *s. str.* given in the Trans. Am. Ent. Soc. A supplement to the alphabetic list of species mentioned in the work comes next. The whole is concluded by a general index of all the genera mentioned in the three parts, which contains all the Calyprate Muscid genera of the world erected up to the time of publication of this part.—C. H. TYLER TOWNSEND.

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### NEW SPECIES OF NORTH AMERICAN INSECTS DESCRIBED IN THE PRECEDING LITERATURE.

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#### COLEOPTERA.

Galerucini: n. gen. et spp. Horn, Trans. Am. Ent. Soc. xx, pp. 57-136; and of other families, *id.*, *l. c.* pp. 136-144.

*Nematocephatus guatemalensis* Senna, Bull. Soc. Ent. Ital. xxv, p. 128, tav. 1, f. 4, Guatemala.

#### DIPTERA.

*Cecidomyia bigeloviae-brassicoides* Towns., Psyche vi, p. 491, N. Mex.  
*Efferia* (near *Erax*) Coquillett, Can. Ent. xxv, p. 175, type *anomalis* Bell. *E. pernicious*, p. 175, *candida*, p. 176, Cal. *E. rara*, Texas, p. 176.  
*Ocyptamus iris* Austen, Proc. Zool. Soc. Lond. 1893, p. 133, *Baccha sagittifera* p. 144, Jam., with synonymy for other species.

*Nycteribia antrozoi* Townsend, Journ. N. Y. Ent. Soc. I, p. 79.

*Lasioptera mühlenbergiæ* Marten, Bull. Ohio Agr. Experiment Station (Tech. ser.) I, p. 155, Illinois.

*Chlorops ingrata* Williston, *l. c.*, p. 156, Ohio.

N. sp. *Dolichopus*, *Hydroceleuthus*, Aldrich, Kans. Univ. Quart. II, pp. 1-26. N. gen. et spp. Psilopinæ, *id.*, *l. c.*, pp. 47-50.

*Thereva* n. spp. Coquillett, Can. Ent. xxv, pp. 197-201.

#### HEMIPTERA.

New species from Utah, Uhler, Proc. Ent. Soc. Wash. II, pp. 366-385.

New Coccidæ from Mexico, Cockerell, Ann. Mag. N. H. (6) xii, pp. 48-53.

*Tachardia gemmifera* Cockerell, Can. Ent. xxv, p. 181, Jam.

N. gen. et spp. Mexico, Cent. Am., Distant, Biol. Cent.-Am. Rhynch.-Heterop. pp. 441-462.

New Coccidæ, W. Indies, Cockerell, Ent. Mo. Mag. (2) iv, pp. 155-158.